10th grade science

**Persuasive Renewable vs. Non-Renewable Energy Research 15 minute mini lesson and Debate.**

**Key word: persuasive. Keep this in mind when you are researching and preparing your material.**

With this project you will be working individually for the first 2 days and then collaborating with a partner for the third day on a **persuasive** mini lesson on your assigned energy topic.

**Part 1**: May 22 and 23rd **Individual** research.

For the first part of this project you will be working individually to research your energy source. You should use the questions below as a guide. You should answer each to the best of your ability. You should add any additional information that you think is relevant.

* What is your energy source?
* How is this energy source created/produced/refined/captured. Be specific and use an appropriate level of language for the class. In this part we want to know exactly how it works. Use examples and drawing that you have created, not that you have cut and pasted.
* Where is this energy source most commonly used? (global, why there?)
* What are the economic issues related to this energy source? (jobs, cost of start-up, cost of maintenance, production levels)
* What are the environmental issues related to the use of this energy source? (water, air, land, biosphere)

Part 2: **Partner Planning** - In Class, Wednesday May 24th

You and your partner should discuss the information you have discovered and decide how you want to present your mini lesson. You must BOTH present at least some of the research, however you may divide the material.

Part 3: Presentations begin followed by debates – In Class, Monday May 29th

The class as a group will have decided on the rules for the debate in advance. All students must participate.